PROJECT IMPACT
Home Earthquake Retrofit Program

4/18/02

THE HOME ASSESSMENT CHECKLIST

Home Earthquake Retrofit Information Series Booklet 2 provides detailed instructions for completing this checklist. "Yes" answers to all questions indicates the home (1) qualifies to use the SHER Plan; (2) is adequately anchored and braced to resist earthquake ground shaking; and (3) is constructed of structural elements that are in good condition. Space is provided at the end of the checklist for you to enter comments related to questions answered "no" or "uncertain".

The plans examiner will make the determine is your proposal meets the requirements to use the SHER Plan based on your answers.

Complete the Qualification Checklist before application.

Qualification Requirements

All "Yes" or "NA" (not applicable) answers mean your home is qualified to use the Standard Home Earthquake Retrofit (SHER) Plan. You may need to hire an engineer or architect to develop the appropriate retrofit method if "no" or "uncertain" is checked.

Home Characteristics	Yes or NA	No	Uncertain
1. Is the home of light, wood-frame residential construction?			
2. Does the home have four or fewer dwelling units?			
3. Is the roof made of standard lightweight roofing materials, such as wood or composition shingle?			
4. Is the home built on a flat or moderate slope of less than 30 percent (approximately 18 degrees from horizontal)?			
5. Is the foundation wall around the perimeter of the home continuous except for allowable exclusions?			
6. Is the foundation of concrete or reinforced masonry that is in good condition?			
7. Are the pony walls 4 feet or less in height?			
8. Is the home three stories or less, counting pony walls over 18 ½ inches as one story?			
8a. What is the overall height of the pony wall? **(Specify dimension.)**			
8b. How many floors are above the pony wall (or above the foundation)? **(Specify # of floors.)**			
9. Is a sill plate present?			

Identify Retrofit Needs for Homes Qualifying to Use the Standard Plan

All "Yes" answers indicate no retrofit work is needed. "No" or "Uncertain" answers indicate retrofit and/or repair work is needed to improve the resistance of the home to earthquake shaking.

Anchoring the Sill Plate	Yes or NA	No	Uncertain
10. Are sill plates in good condition?			
11. Are sill plates anchored (bolted) to the foundation?			
12. Are sill plate anchor bolts spaced 4 to 6 feet apart, placed near the center of the concrete foundation wall (about 2 ½ inches from the side of a 6 inch foundation wall), and in good condition?			
13. Are sill plate anchor bolts at least ½ inch in diameter for one to two story buildings and 5/8 inch for a three-story building?			
14. Are sill plate anchor bolts located not more than 12 inches from the ends of each piece of sill plate that is more than 30 inches in length?			

Connecting the Floor Framing	**Yes or NA**	**No**	**Uncertain**
15. Are floor joists and either continuous rim joists or joist blocking present?			
16. Are pony wall double top plates present and in good condition?			
17. Is the floor framing system connected to the underlying sill plate with metal framing clips or are 8d nails placed 6 inches on center?			
18. Does the continuous rim joist rest on top of the pony wall studs?			
Strengthening the Pony Wall	**Yes or NA**	**No**	**Uncertain**
19. Do structural panels (also called sheathing) cover the stud walls on either the inside or the outside of the pony wall?			
20. Does existing pony wall sheathing in a crawl space have sufficient stud space ventilation to prevent the growth of fungus?			
21. Are the nails around the perimeter of the structural paneling spaced 3 to 6 inches apart?			
22. Are the nails along the studs spaced 6 to 14 inches apart?			
23. Are there screened ventilation holes in each structural panel located in the crawl space?			

Comments about "No" or "Uncertain" answers:

Name and daytime phone number of person who completed the Home Assessment Checklist (PLEASE PRINT)

For Office Use Only:

- ❑ Home qualifies to use the Standard Home Earthquake Retrofit Plan
- ❑ Home does not qualify to use the standard Home Earthquake retrofit Plan
- ❑ Home earthquake retrofit not needed
- ❑ Damaged or missing structural elements must be repaired or installed before completing the retrofit